


# FREDERICK

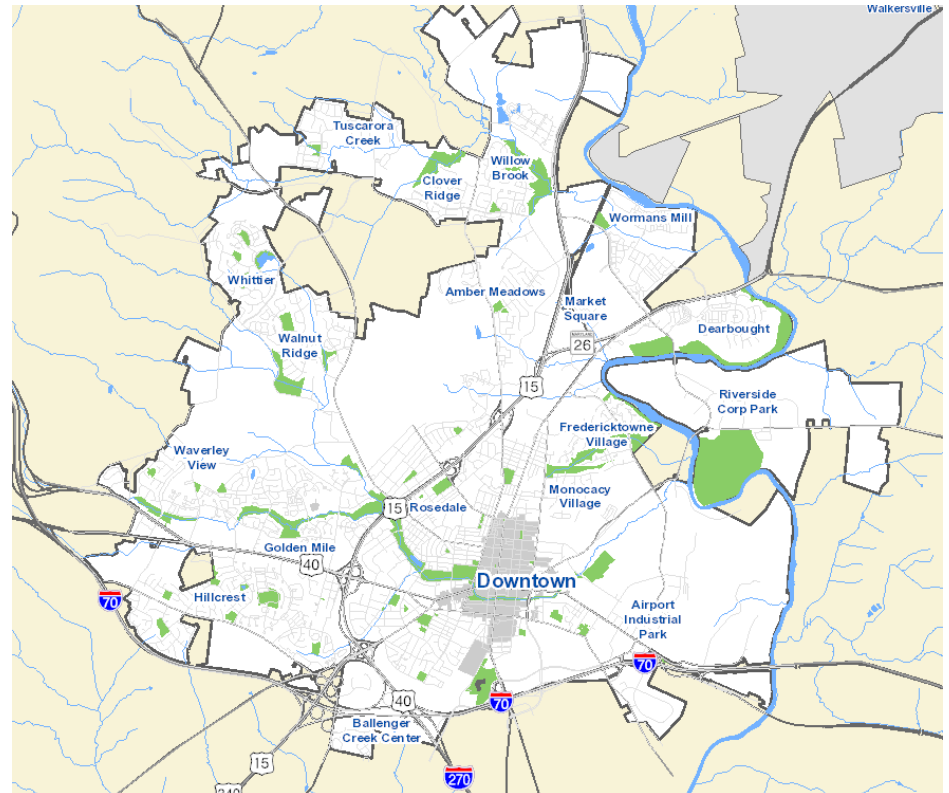
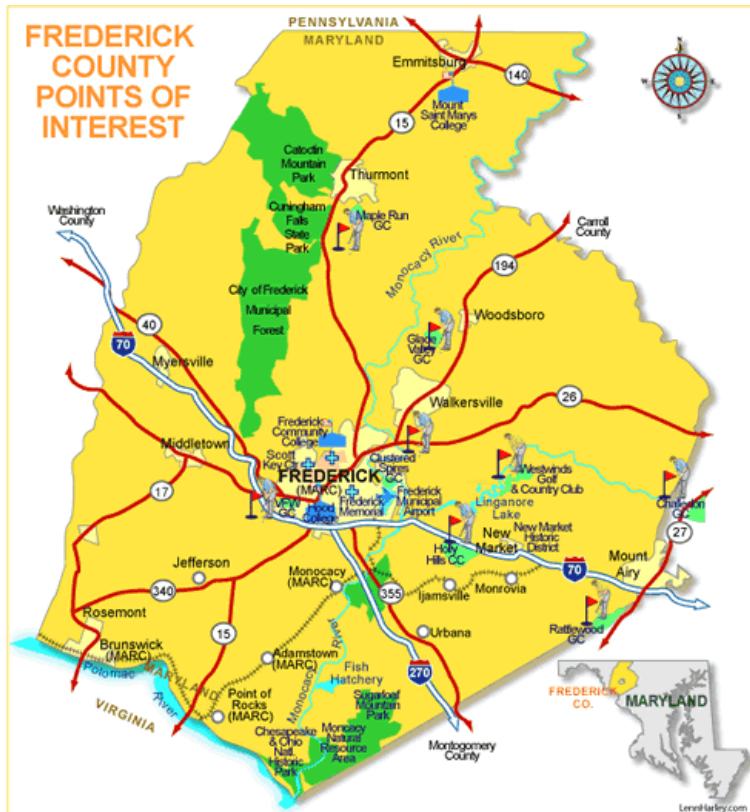
## MARYLAND



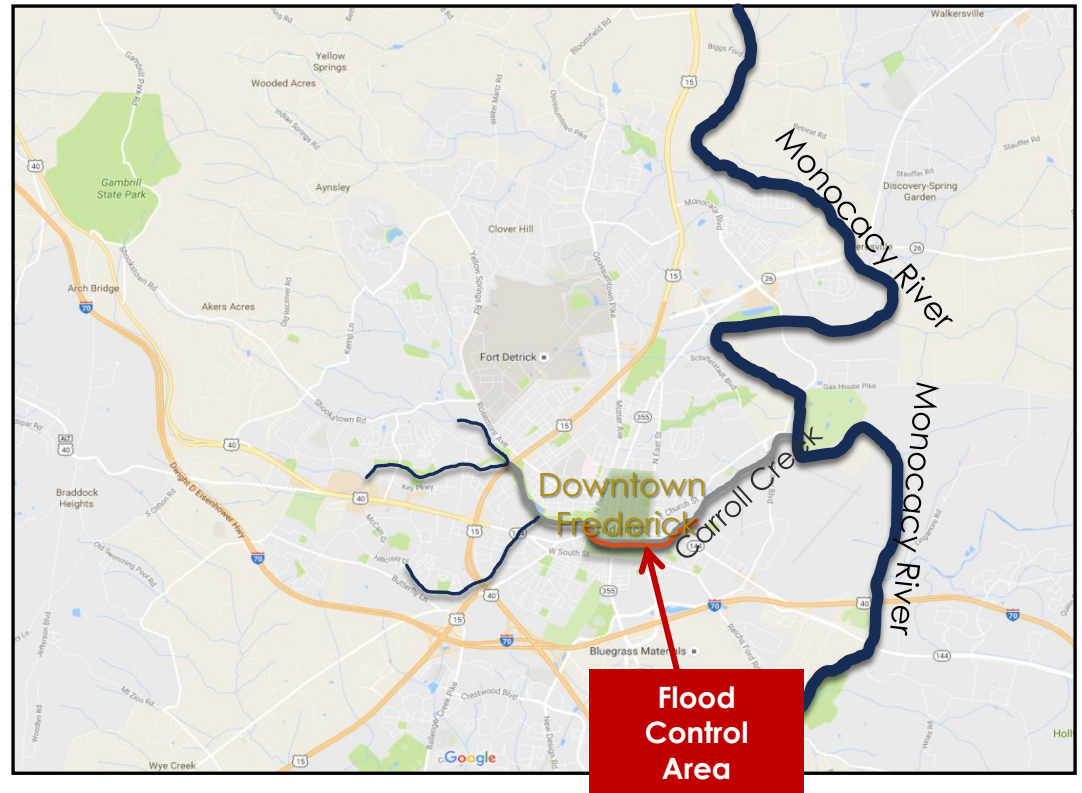
**CARROLL CREEK PARK**  
**FLOOD CONTROL AND MORE,**  
**MAXIMIZE FUNCTIONALITY AND USAGE**  
**SEPTEMBER 24, 2019**

# FREDERICK COUNTY

## THE CITY OF FREDERICK - LOCATION



# WATERSHED VICINITY MAPS





# CARROLL CREEK ORIGINAL NATURAL STREAM CHANNEL





# THE FLOODS OF 1972 & 1976



# FLOOD DEVASTATION



# HUMAN IMPACT





SATURDAY, OCTOBER 9, 1976







# FLOOD CONTROL

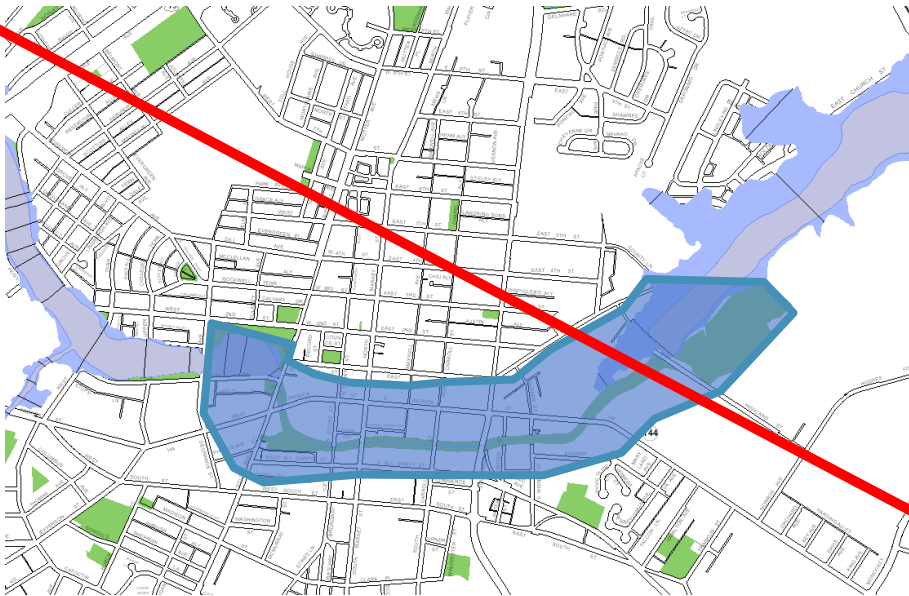


# DESIRED OUTCOMES

- Balance
- Public Safety
- Historic Preservation
- Aesthetics  
Environment
- Economics



# OPTION REJECTED



**Abandon Downtown Floodplain –** Retain and enhance natural floodplain through downtown and remove damaged buildings.

**Rejected :** Economic, historic, and human impact was too high

Many historic buildings, homes, businesses would be lost, and future storms would still flood large portions of downtown



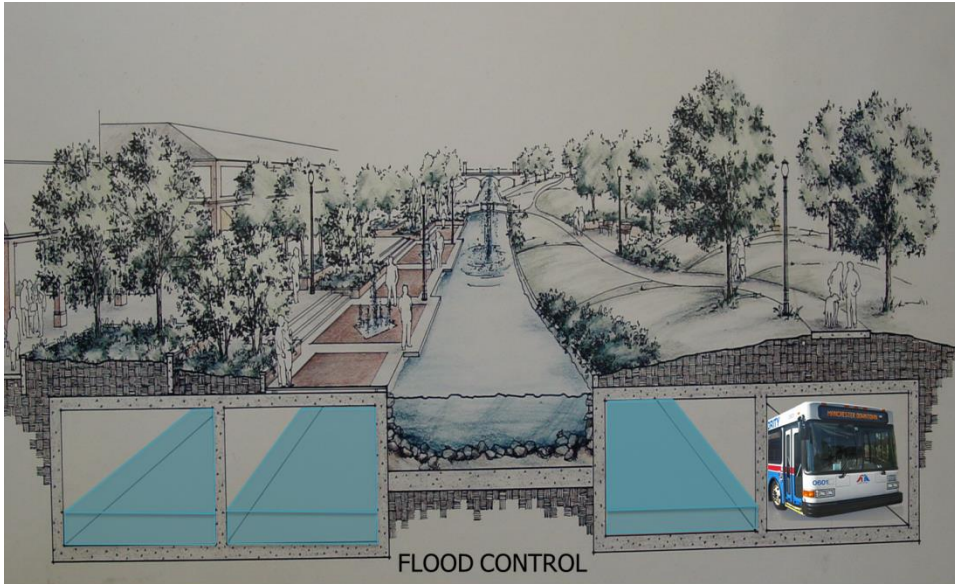
# OPTION REJECTED



**Install Flood Control Ditch –**  
Dig a large floodwater management ditch through downtown to handle future floods

***Rejected :*** Aesthetics and safety concerns and did not lend itself to economic prosperity along its length.

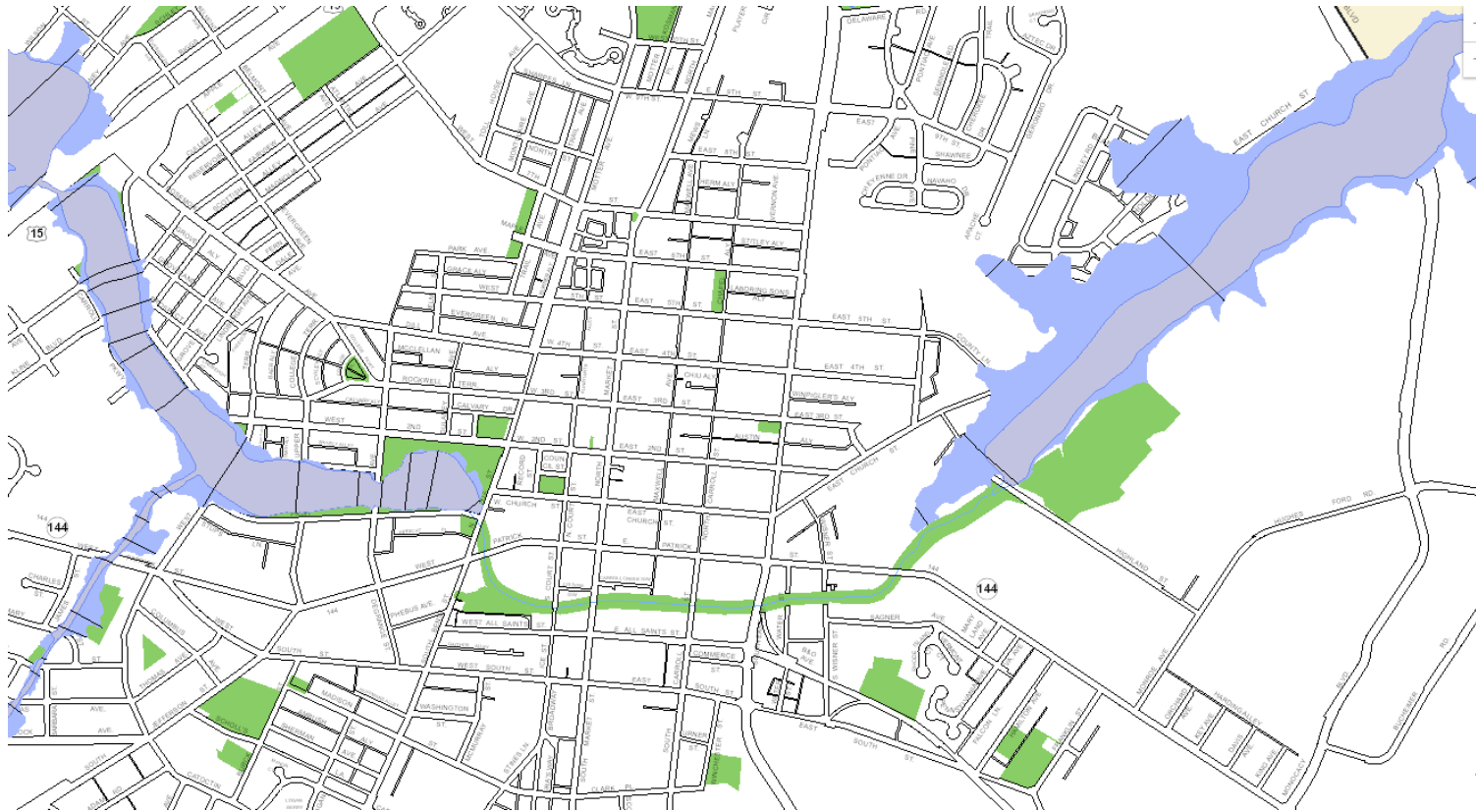
# INNOVATIVE OPTION ACCEPTED



## HYBRID FLOOD CONTROL SYSTEM

- ❖ ~\$60 Million (\$20M City, County, State)
- ❖ 1.3 Miles of Underground Conduits
- ❖ Each conduit is 20'x20' (large enough to carry millions of gallons of stormwater)
- ❖ Allowed for linear park to be constructed connecting east and west through downtown – shared us path system
- ❖ Allows for Historic Preservation, Infill Development & Downtown Economic Development

# INNOVATIVE OPTION ACCEPTED



REMOVED DOWNTOWN FREDERICK FROM THE FEMA 100 YEAR FLOODPLAIN



# CONSTRUCTION LATE 80S – EARLY 90S

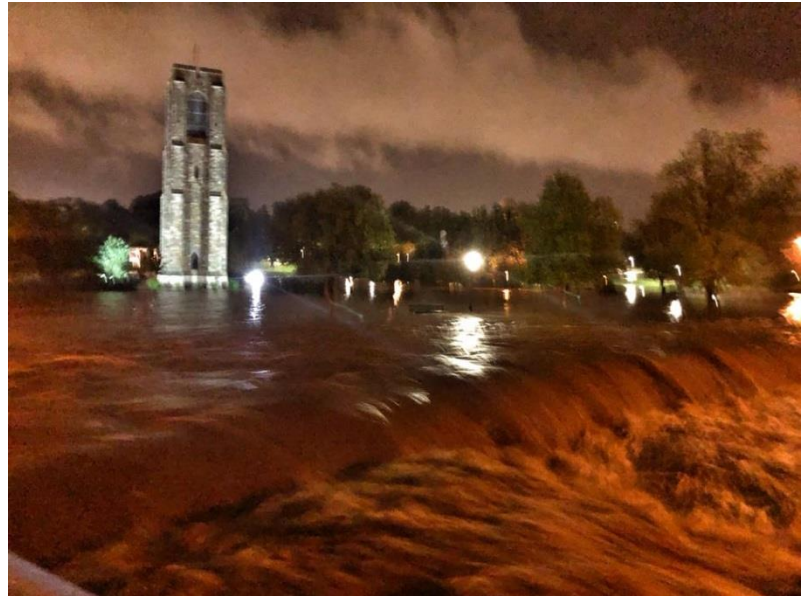


~1990

# MAY 2018, STORM



Normal Day



Flood Condition



# JULY, 2019 STORM



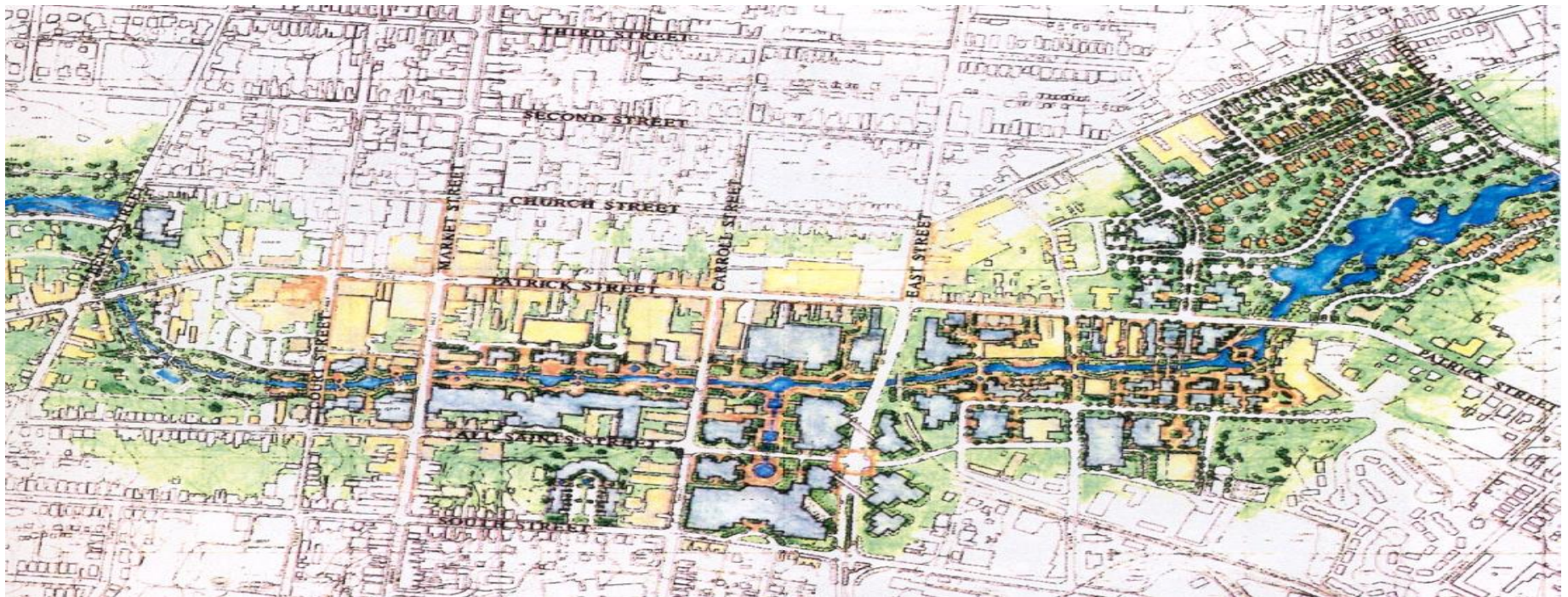




# PARK DEVELOPMENT

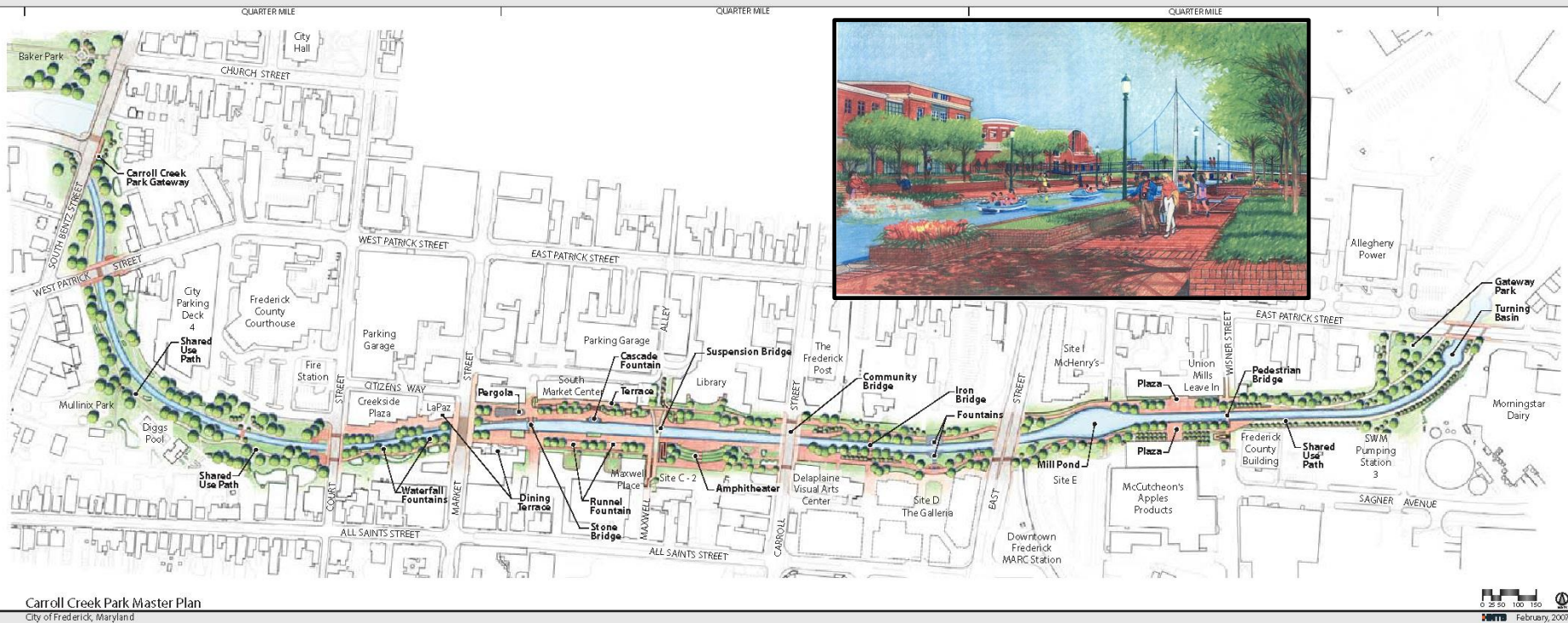


# MASTER PLAN JACOBSON WALLACE - 1991



# 2003 MASTER PLAN UPDATE

## LDR/HNTB



Carroll Creek Park Master Plan  
City of Frederick, Maryland



# LONG TERM VISION

- 43 Years – 1976-2019 - 6 City Administrations
- \$200M+ public investment
- \$200M+ private investment
- Flood control Development
- FEMA 100 floodplain map revision
- Urban park/Shared Use Path development
- Mixed-use infill development
- Business recruitment & job creation
- Tax revenue generation
- Multi-modal transit
- 18-hour day (vibrant, active place)





# PROGRESS TO DATE



\$27 Million Public Park Improvements  
\$45 Million Private Construction Completed  
\$150 Million Private Construction Planned

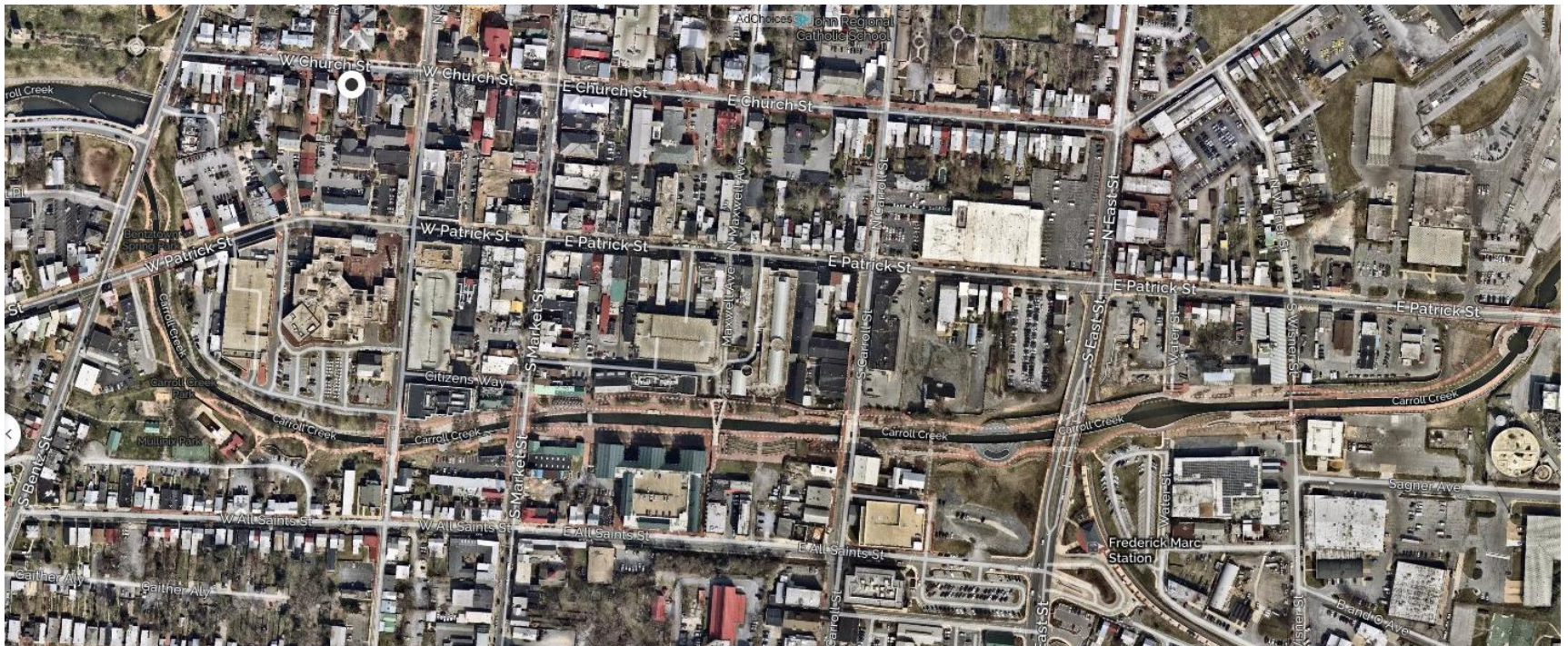
2007 Maryland APA Project of the Year  
2008 IEDC Project of the Year

2006





# 2019 – SATELLITE VIEW



# UNION KNITTING MILLS



## Carroll Creek Software firm to lease most of Union Mills building, retail on the creek

Story Comments (2) Image (3)  
Previous Next



Staff photo by Sam Yu

Patric Ward, center, project manager for Waynesboro Construction, talks about the renovations planned for the old Union Mills building during a tour of the building Friday.





# C. BURR ARTS LIBRARY FCPL HEADQUARTERS



# VISIT FREDERICK VISITORS CENTER





# MAXWELL PLACE CONDOMINIUMS





# CREEKSIDER PLAZA



# SOUTH MARKET CENTER





# DOWNTOWN HOTEL AND CONFERENCE CENTER PROJECT



hotel site

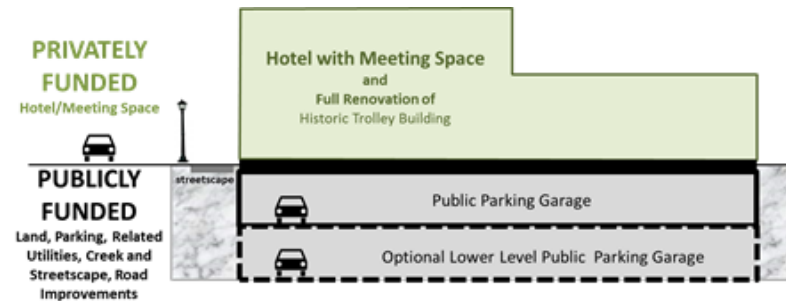




# DOWNTOWN HOTEL AND CONFERENCE CENTER PROJECT



[www.downtownhotelatcarrollcreek.com](http://www.downtownhotelatcarrollcreek.com)



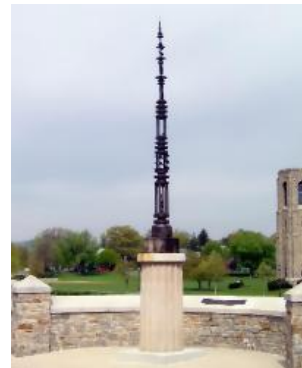
- ❖ 199 Guest rooms
- ❖ 22,000SF Meeting Space
- ❖ 167 Space(+) Parking Garage
- ❖ Renovated historic trolley building
- ❖ Retail and restaurant space including a rooftop lounge
- ❖ Terrace on Carroll Creek Park



# PUBLIC ART



# PUBLIC ART







# PEOPLE AND EVENTS



# CARROLL CREEK PARK IT'S ALL ABOUT THE PEOPLE





# CELEBRATE FREDERICK – FREDERICK WINE FESTIVAL AND IN THE STREETS





# FIRE AND ICE DOWNTOWN FREDERICK PARTNERSHIP





# FESTIVAL OF THE ARTS, FREDERICK PRIDE, AND MD CRAFT BREWFEST





# PROGRAMMING THE CREEK WATER – COLOR ON THE CREEK AND SAILING INTO THE WINTER SOLSTICE







# JOIN THE STORY

**Richard Griffin, AICP,  
CEcD**

Director of Economic  
Development

**Bob Smith**

Deputy Director, Parks and  
Recreation